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In re Patent Application of:)		RECEIVED
Eric B. ALLEN, et al.)		UEC 1 8 2002
Serial No.: 09/802,911)	Art Unit: 1631	TECH CENTER 1600/2900
Filed: March 12, 2001)	Examiner: Marjorie A. Moran	

For:

SYSTEM AND METHOD FOR SIMULATING CELLULAR BIOCHEMICAL

PATHWAYS

HS Plun Kestyl 12/19/62

RESPONSE TO OFFICE ACTION RESTRICTION REQUIREMENT OF AUGUST 16, 2002

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office Washington, D.C. 20231

Sir:

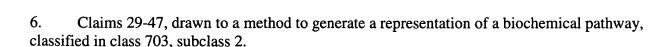
Responsive to the Office Action mailed August 16, 2002, please consider the following remarks.

REMARKS

In the Office Action of August 16, 2002, the Examiner requested restriction to one of the following inventions under 35 U.S.C. § 1.121.

- 1. Claims 1-13, drawn to a system for demonstrating signal cascades in cells, classified in class 703, subclass 2.
- 2. Claim 14, drawn to a computer implemented method for (simulating) a reverse pathway, classified in class 703, subclass 2.
- 3. Claim 15, drawn to a computer implemented method for predicting pathways, classified in class 703, subclass 2.
- 4. Claims 16-19, drawn to a computer implemented method for simulating an aspect of a cellular biochemical pathway, classified in class 703, subclass 2.
- 5. Claims 20-28, drawn to a system for simulating a cellular biochemical pathway, classified in class 703, subclass 11.

Atty. Docket: 58207.000004



- 7. Claims 48-50, drawn to a method to generate a representation of an event of a biochemical pathway, classified in class 703, subclass 2.
- 8. Claim 51, drawn to a method to determine the effect of modulating a reaction in a biochemical pathway, classified in class 703, subclass 11.
- 9. Claim 52, drawn to a method to identify a pharmaceutical target in a biochemical pathway, classified in class 703, subclass 2.
- 10. Claim 53, drawn to a device to generate a representation of a biochemical pathway, classified in class 703, subclass 11.
- 11. Claim 54-55, drawn to drawn to a device to generate a representation of a biochemical pathway comprising different elements than that of Group X, classified in class 703, subclass 11.
- 12. Claim 56, drawn to drawn to a device to generate a representation of a biochemical pathway comprising elements different from those of either Group X or XI, classified in class 703, subclass 11.

Applicant hereby elects Invention 1, Claims 1-13, drawn to a system for demonstrating signal cascades in cells, classified in class 703, subclass 2, without traverse.

The Assistant Commissioner is hereby authorized to charge fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required now or hereafter, or credit any overpayment, to Deposit Account No. 50-0206.

Respectfully submitted, HUNTON & WILLIAMS

Date: December 16, 2002

By:

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